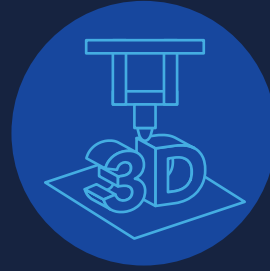


Why 3D Matters?



In-house 3D design, modelling and engineering team with project consultancy by industry and subject domain experts



State-of-the-art 3D printers and extensive range of print materials



High precision 3D scanning, CAD and design optimisation



Quality assurance, diagnostics, testing and certification from international laboratories



World-class finishing, touch-ups and innovative packaging and project presentation



Premium services available for projects that require ultra-fast turnaround within 2 days

About 3D Matters

Founded in Singapore in 2012, 3D Matters is a fast-growing 3D Printing service bureau providing end-to-end additive manufacturing solutions across Southeast Asia.

Apart from helping our clients with scale-accurate models and fast prototyping, we also enhance their design and manufacturing capabilities to shorten lead times for spare and obsolete parts as well as speeding up time to market for new products.

Key industries we support



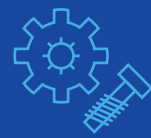
Maritime / Offshore / Oil & Gas



Architecture, Building & Construction



Infocomm and Digital



Engineering, Spares and Aftersales



Advertising and Design

Contact us today to find out how you can be a game changer for your company through innovations in 3D printing.

3D Matters Pte Ltd
10 Science Park Road, #02-01
The Alpha, Singapore Science Park II
Singapore 117684

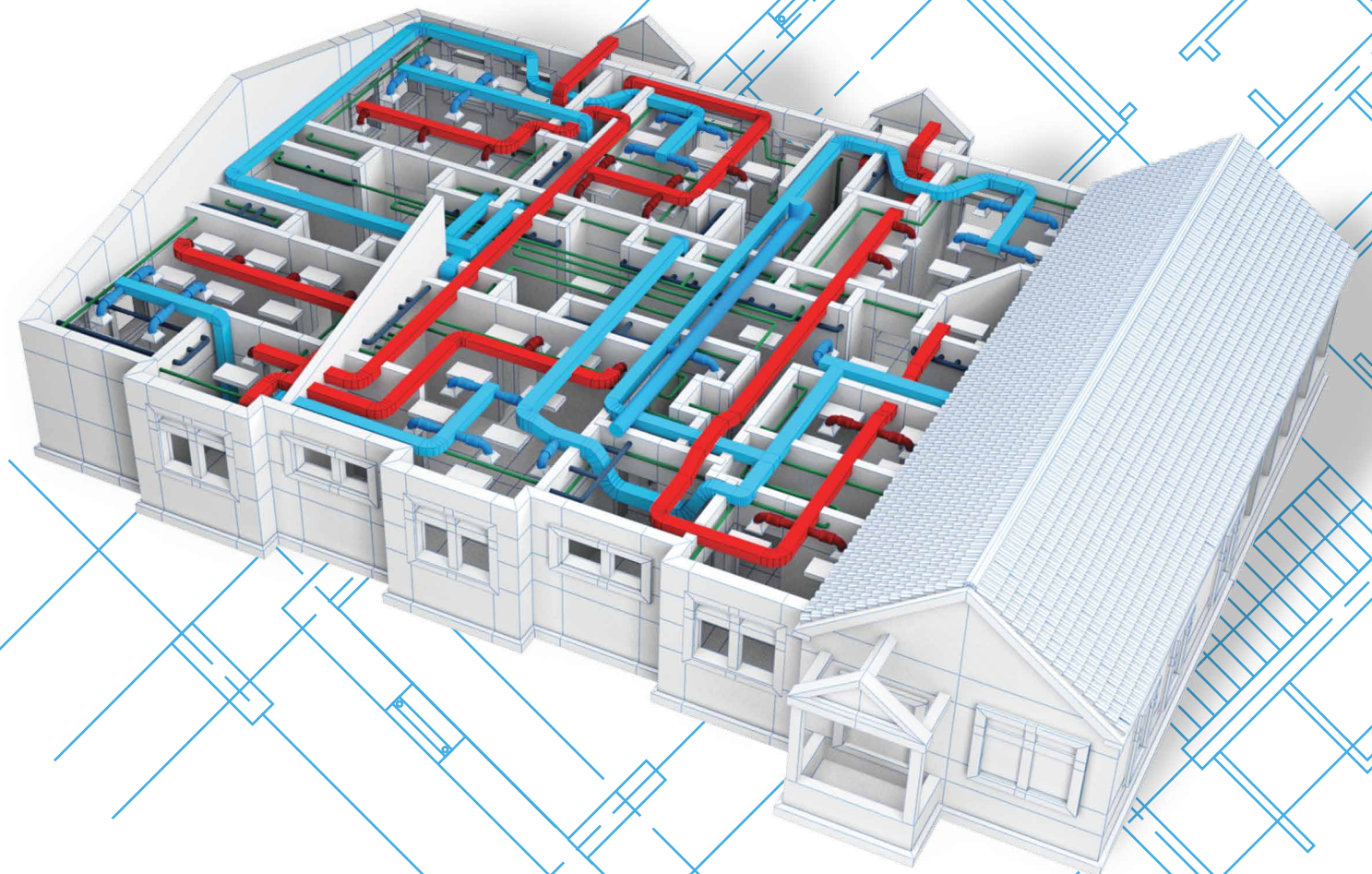
+65 3157 9900
info@3dmatters.com.sg
www.3dmatters.com.sg

www.facebook.com/3dMatters
www.linkedin.com/company/3d-matters-pte-ltd

3D MATTERS
ADDITIVE MANUFACTURING

3D printing translates your ideas into tangible results.

Take a step closer to reality.



Whether you are designing sustainable buildings or re-imagining the master plan of entire cities, 3D printing is an invaluable visualization and communication tool that improves the brainstorming and decision-making process.

What can 3D printing do for you?



Focus on innovation instead of change orders



Design to minimize waste and errors



Impress clients in marketing events and promotions



Print prototypes and parts faster and more accurately, to speed time to market and production



Print directly from BIM systems to speed up creation of 3D models, prototypes and parts

Prototypes for New Parts to accelerate time-to-market

Print prototypes in a range of materials for various uses during new part development, including:

- Visual prototyping in full colour sandstone
- Dimensional prototyping in nylon and resins
- Functional prototyping in actual end use materials such as stainless steel 316L
- Faster approval on new products
- Check for fit and performance before confirming production runs



On-demand Printing for End Use parts

Avoid the need to hold extensive stock and spare parts by printing key parts as and when required:

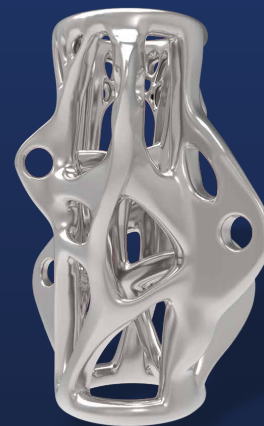
- Design and print in an extensive range of materials including specialist metals
- Printed material can be issued with a certificate showing material properties and compliance with ASTM, BS and EN relevant standards
- Support for quick production of calibration tools, spares and replacement parts for the entire building and construction industry
- Improved design for parts with increased ability to manufacture beyond traditional manufacturing
- Faster production for specialist parts
- Cheaper production for small run parts



Reduced Material with Better Design

Drive environmental sustainability in the building and construction industry through 3D printing:

- Incur less wastage of raw material
- Improve performance through our design optimization service



True to scale models to align owners and clients

Fast and accurate models to impress guests, or demonstrate features to owners and clients to ensure earlier buy-in.

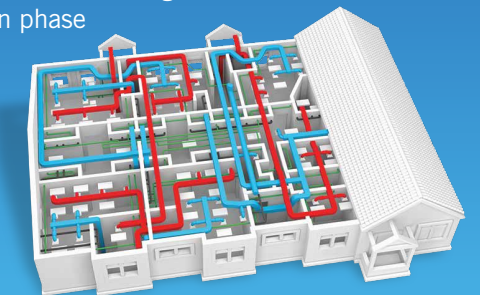
- Print large scale building and master plans in multi-material to generate strong yet immersive full colour models
- Print with removable or transparent roofs and walls to show interior detail
- Discussions on layout and design at early start of engineering to share and capture input
- Models can be produced more quickly, accurately and durably than traditional model making



Direct print outs from BIM systems

Extract DWG and IFC file formats from Building Information Management (BIM) systems and convert them to physical, tangible 3D models.

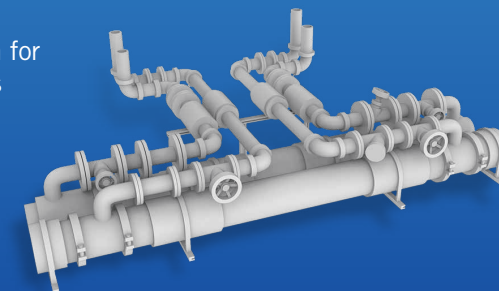
- Print full buildings or sections for buildings to facilitate collaboration and interdisciplinary problem solving
- Integrate fully into the EPC project management infrastructure to allow EPC players, main contractors and subcons to identify and address problems and clashes earlier in the design and construction phase



Print building sub-segments to check alignment, access and constructability

Print accurate and complex parts (like bridge sections or pipe racks) in simple, low tech materials for quick planning and visualization.

- Identify clashes and access issues early in design and/or construction
- Align subcontractors with required deliverables
- Plan during construction for MRO access



Construction site models to aid construction planning

Print large scale durable construction site models that can be marked up.

- Improve quality of daily site planning to align contractors and equipment movement
- Improved health and safety planning, including access and emergency access
- Identify clashes and work sequence issues early in construction

